

FIG. 1

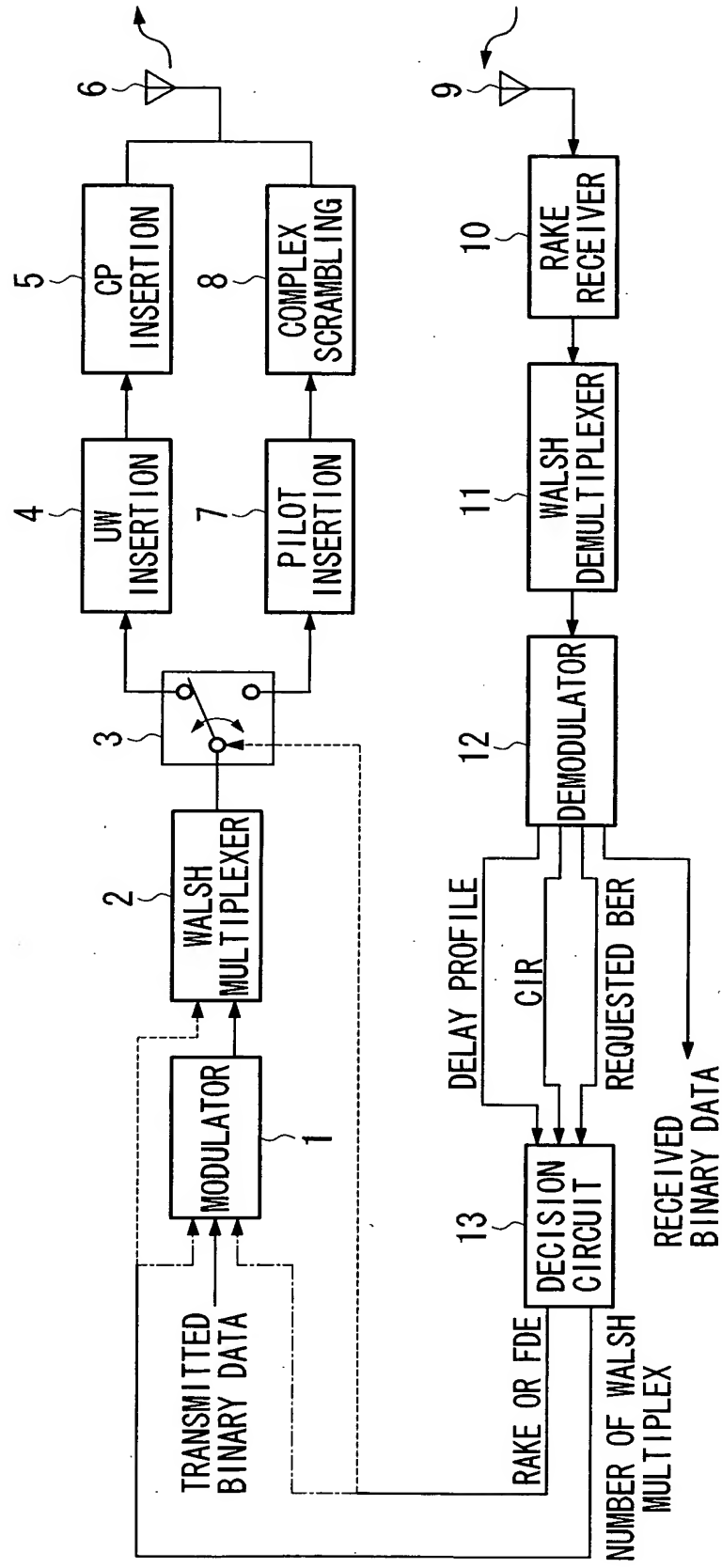
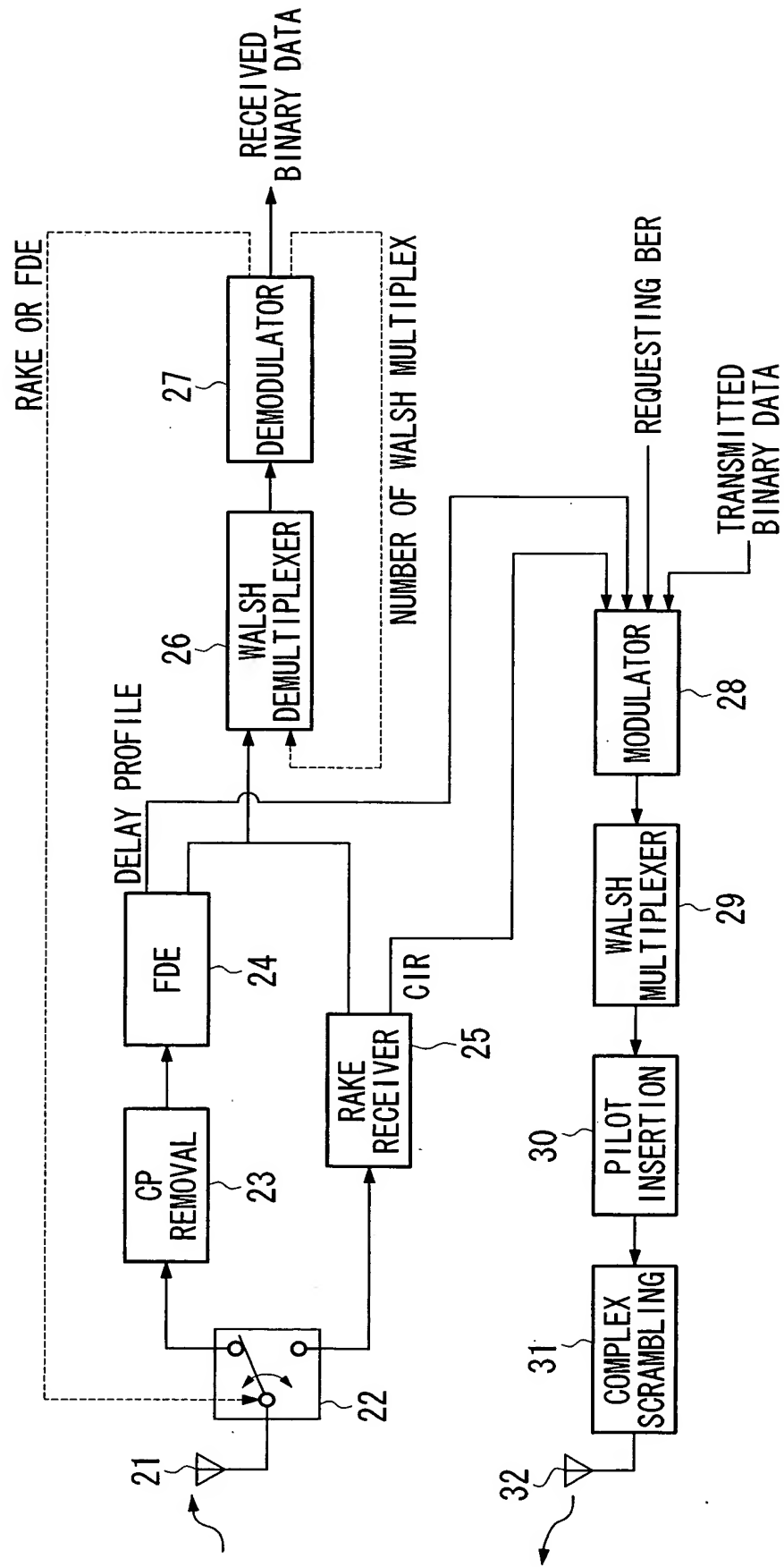


FIG. 2



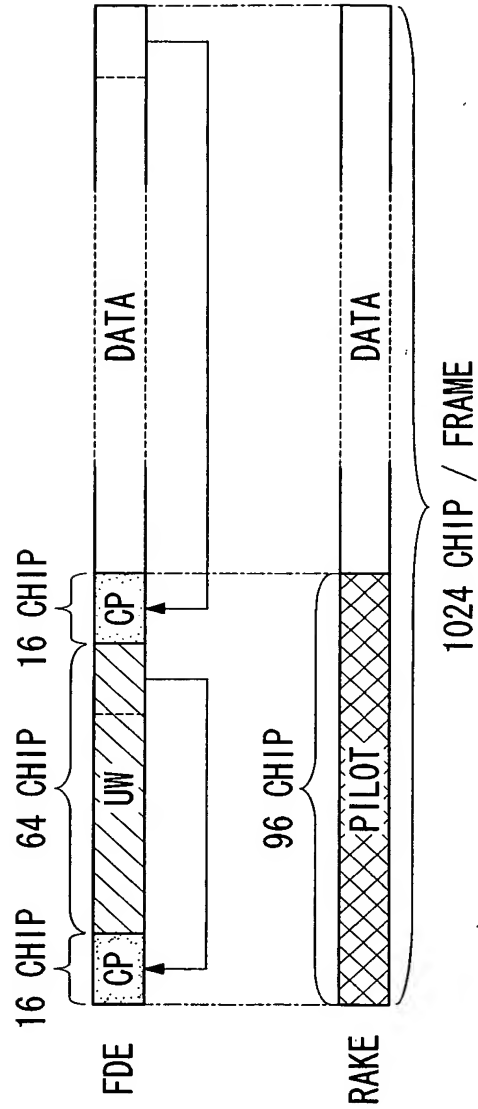


FIG. 3A

FIG. 3B

FIG. 4

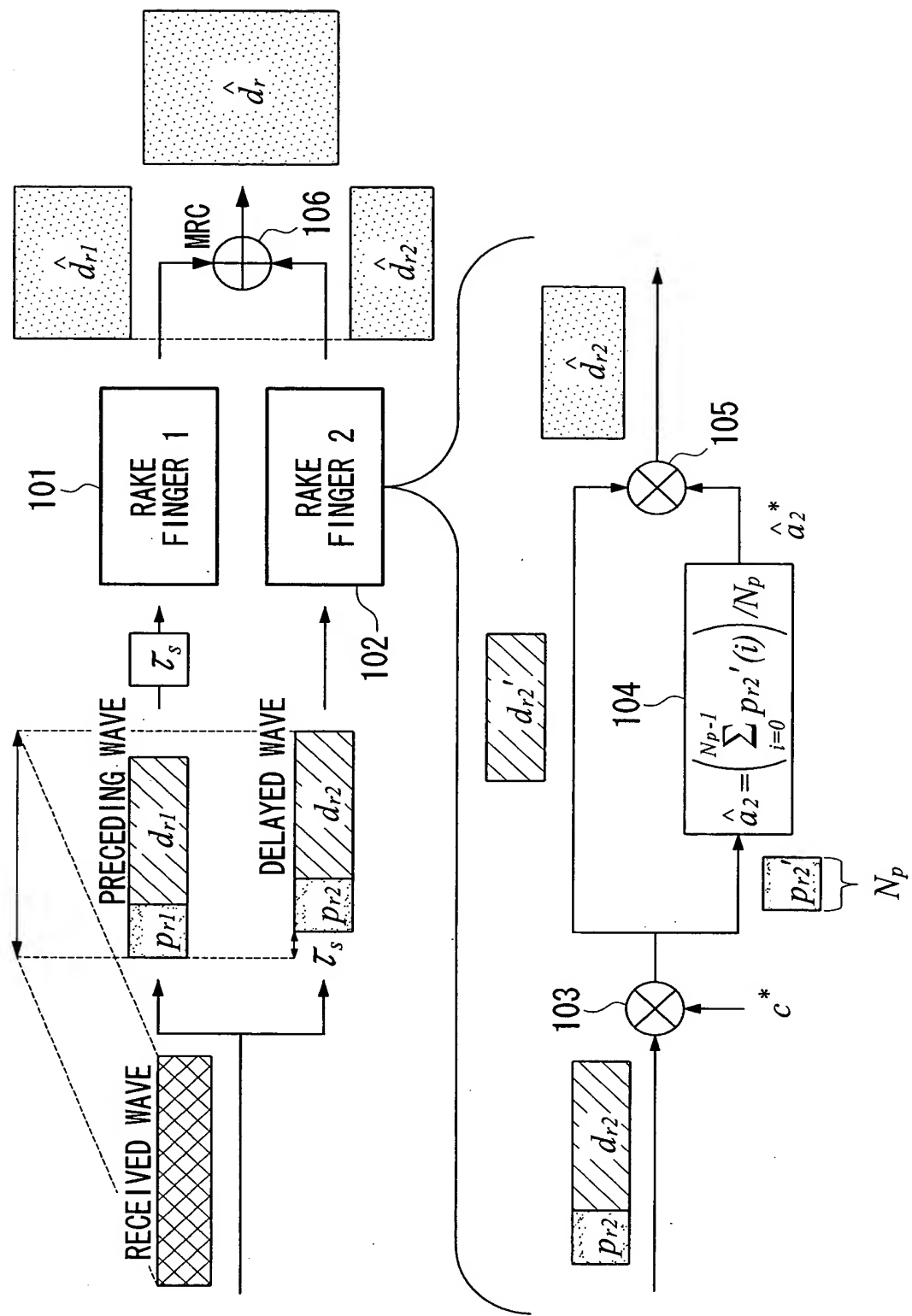


FIG. 5

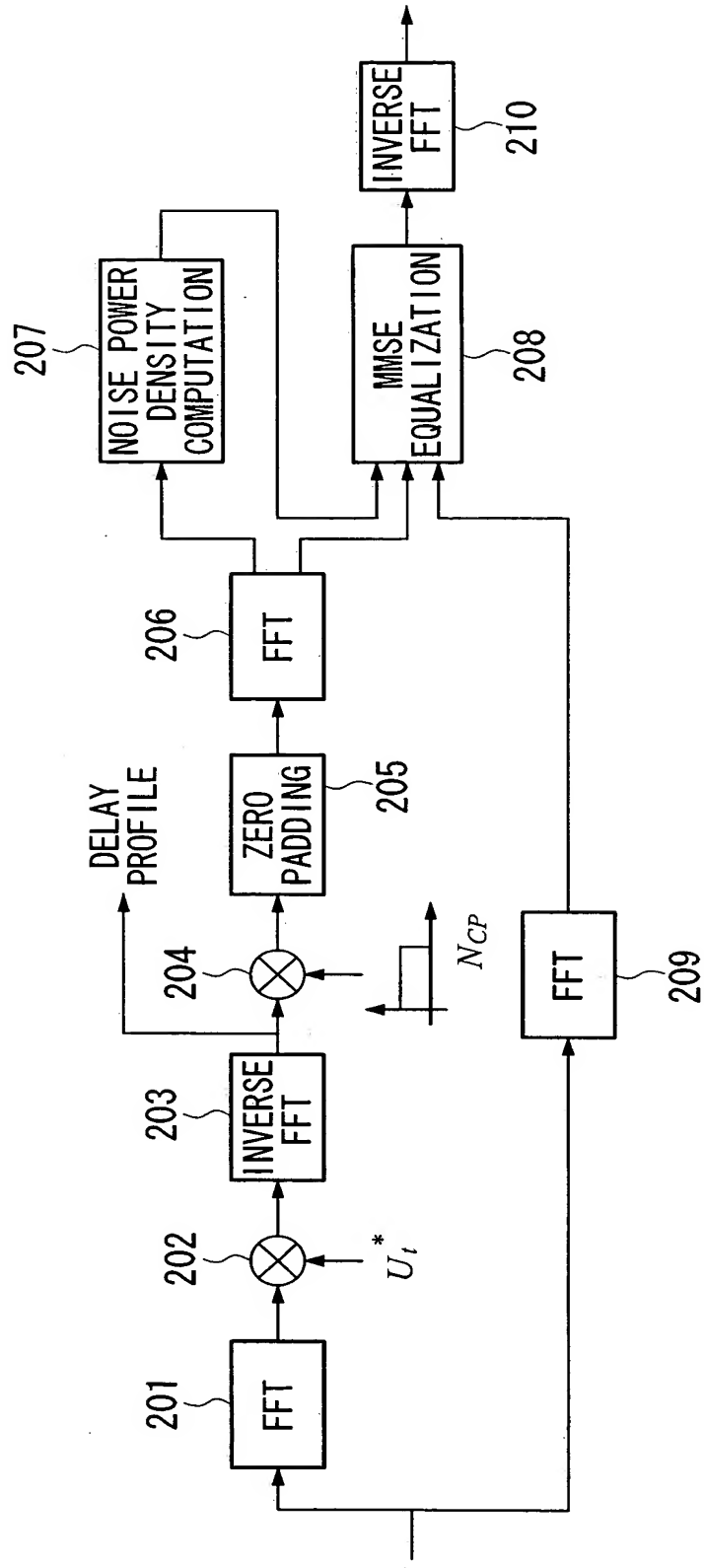
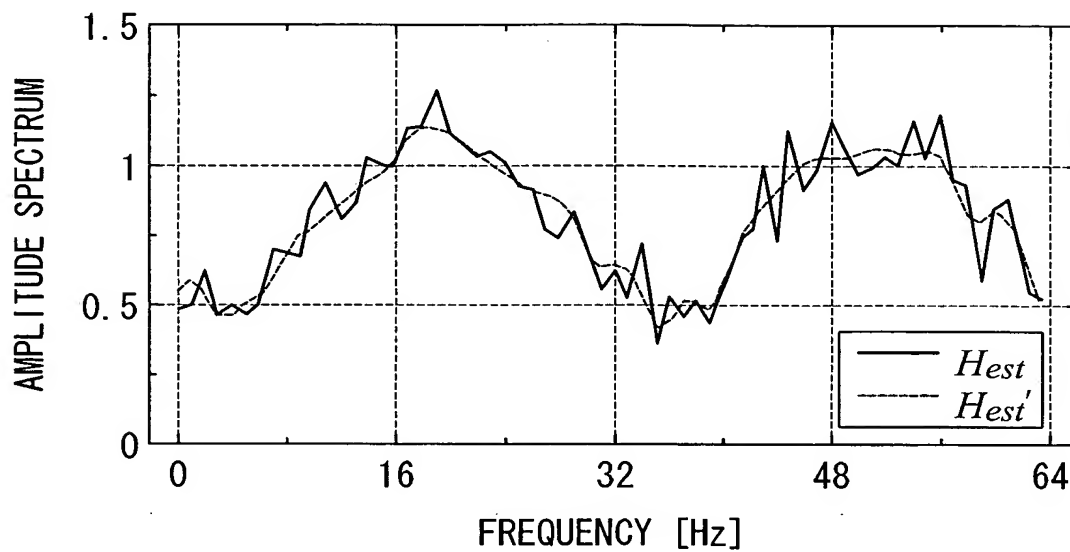


FIG. 6A



FFT \longleftrightarrow IFFT

FIG. 6B

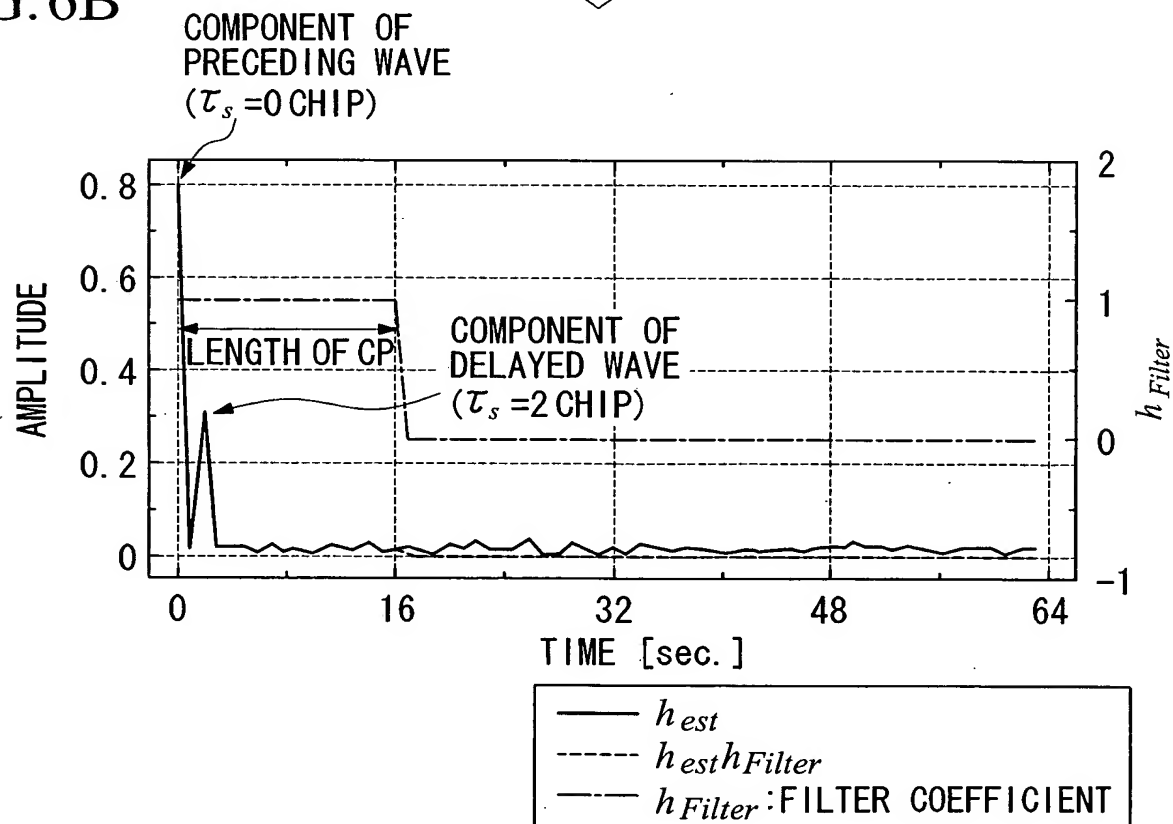


FIG. 7A

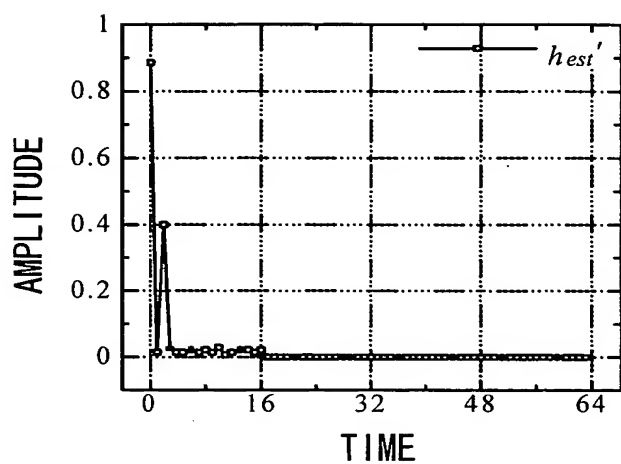


FIG. 7B



PADDING WITH ZEROS

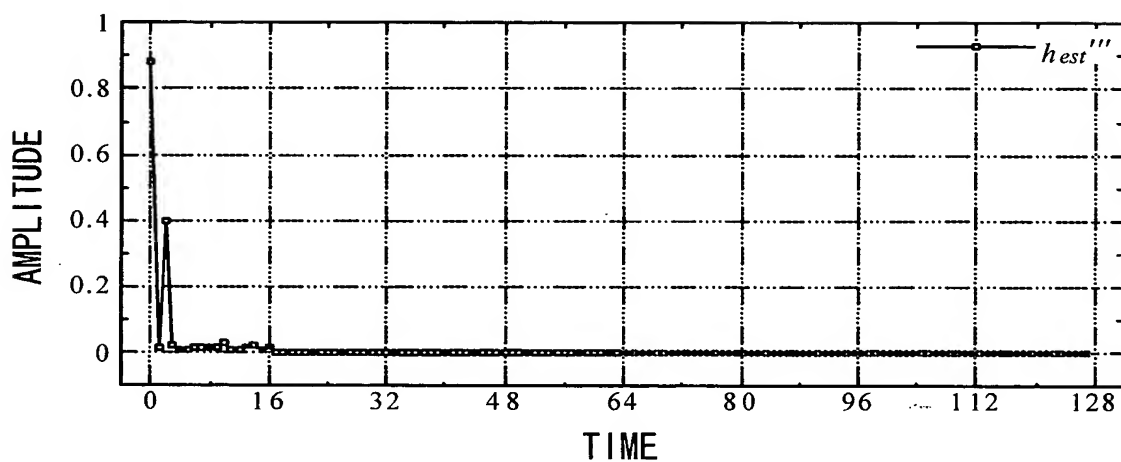


FIG. 7C



FFT

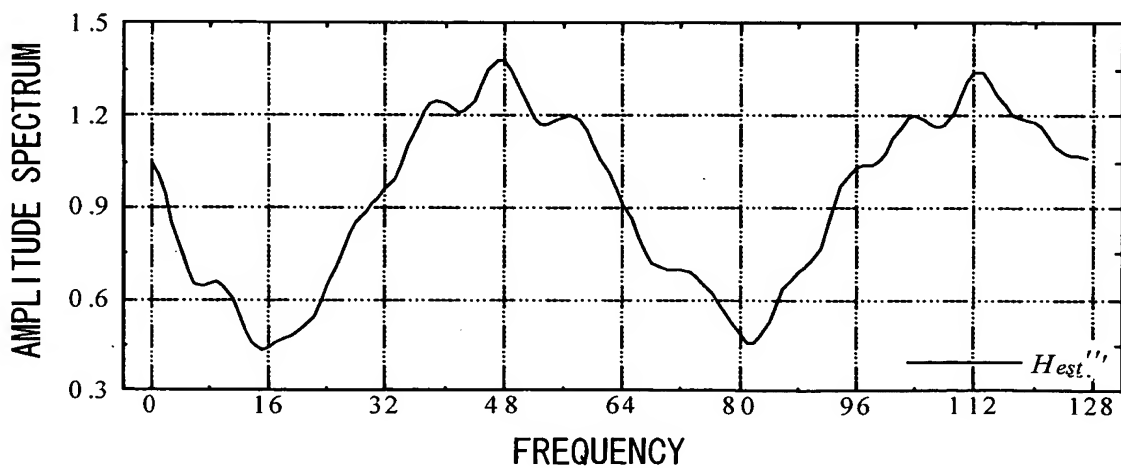


FIG. 8

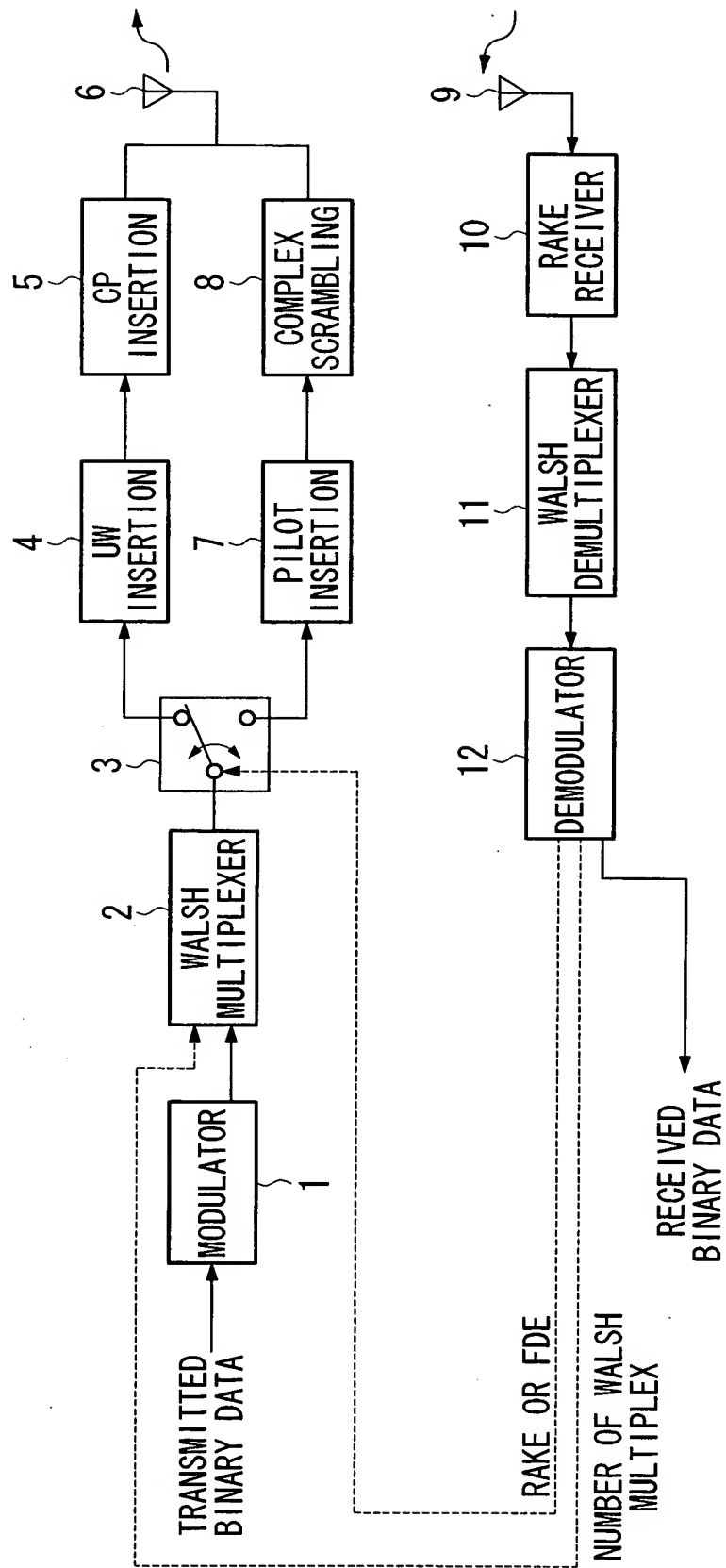


FIG. 9

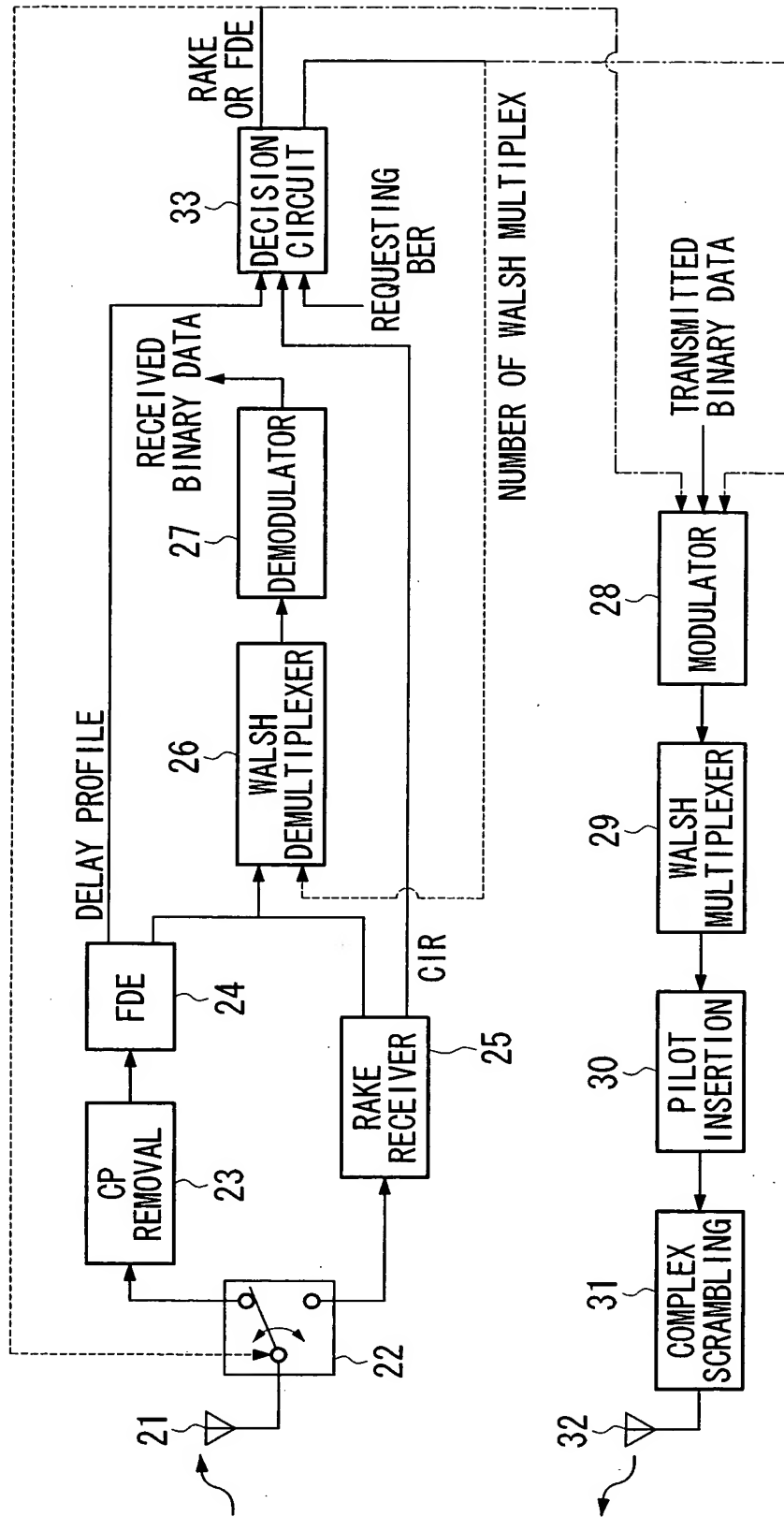
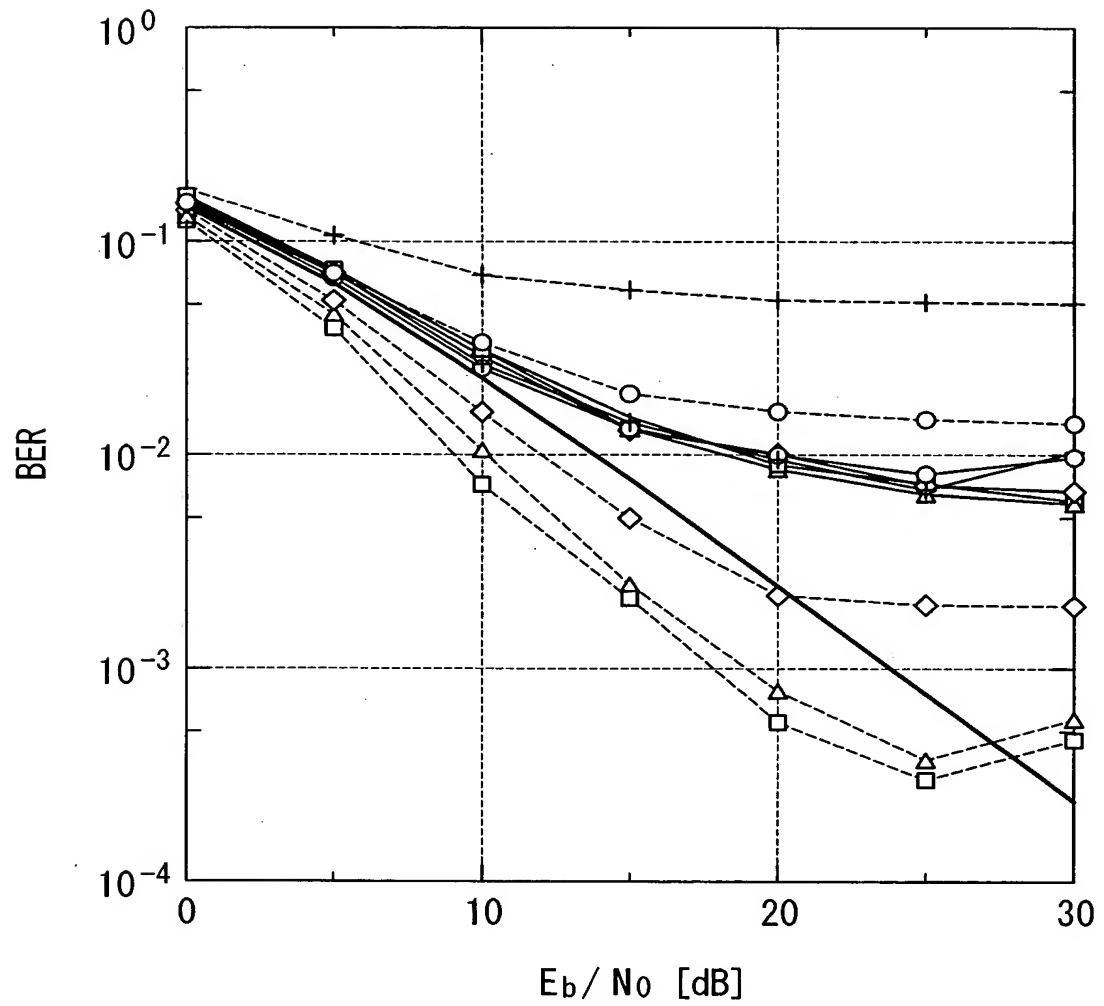


FIG. 10



- | | |
|--------------------------------|--------------------------|
| —— QPSK 1 PATH RAYLEIGH THEORY | |
| —□— FDE, $M_W = 1$ | ---□--- RAKE, $M_W = 1$ |
| —△— FDE, $M_W = 2$ | ---△--- RAKE, $M_W = 2$ |
| —◇— FDE, $M_W = 4$ | ---◇--- RAKE, $M_W = 4$ |
| —○— FDE, $M_W = 8$ | ---○--- RAKE, $M_W = 8$ |
| —+— FDE, $M_W = 16$ | ---+--- RAKE, $M_W = 16$ |